Useful commands

Some useful commands

- Add user to Sudoer group

    - Centos

        - Connect as root

```
su -
```

        - Add user to Wheel group

```
usermod -aG wheel  <user>
```

        - Disconnect root session

```
su <user>
```

        - Check that set is ok

```
id <user>
```

Sample answer

uid=1000(christian) gid=1000(christian) groups=1000(christian),10(wheel)

Install GUI on Centos 8 / Centos 8.1

- Install Gnome GUI using the YUM command.

```
yum groupinstall "Server with GUI"
```

- Issue the following command to enable the GUI as default so that the system will boot into graphical mode.

```
systemctl set-default graphical
```

    - Output of the command

```
Removed /etc/systemd/system/default.target.
```

```
Created symlink /etc/systemd/system/default.target →
/usr/lib/systemd/system/graphical.target.
```

- Reboot system

```
reboot
```

Install xrdp on CentOS 8 / Red Hat Enterprise Linux 8

xrdp is a free and open-source Remote desktop Protocol server which allows you to take remote desktop sessions of Linux server from Windows machine / Linux Machine. It is capable of accepting remote connections from rdesktop, freerdp, and remote desktop clients.

- Setup REPEL repository

On Centos 8

```
yum install -y epel-release
```

- Install XRDP

```
yum install -y xrdp
```

- Once xrdp is installed, start the xrdp server service using the systemctl command.

```
systemctl start xrdp
```

- Once installed XRDP should lissen on port **3389**
- By default, xrdp server service won't start automatically after a system reboot. Execute the below command to enable the service at system startup.

```
systemctl enable xrdp
```

- Configure Firewall.7Configure the firewall to allow RDP connections from external machines. The below command will add the exception for RDP port (3389).

```
firewall-cmd --permanent --add-port=3389/tcp
```

```
firewall-cmd --reload
```

Awk commands

- **Delete leading whitespace** (spaces and tabs) from the beginning of each line.

```
awk '{ sub(/^[ \t]+/, ""); print }'
```

- **Delete trailing whitespace** (spaces and tabs) from the end of each line.

```
awk '{ sub(/[ \t]+$/, ""); print }'
```

- **Delete leading and trailing** whitespaces from each line.

```
awk '{ gsub(/^[ \t]+|[ \t]+$/, ""); print }'
```

References

[Dba Oracle awk commands](#)